

CONFIDENTIAL

NPIC/TIS/D-619-67
10 January 1967

File #97265

MEMORANDUM FOR: Director, National Photographic Interpretation Center

THROUGH: Chief, Support Staff, NPIC

SUBJECT: Request for Approval of Change in Scope Amounting to
[redacted] from FY-1967 Funds for [redacted] with
[redacted]

REFERENCE: Chief, Administration Staff, O/DDI Memorandum of
4 February 1964: Approval of Research and Development
Activities

1. On 8 October 1965, NPIC contracted with [redacted] for the development of a Wide-Scan High-Power Stereoviewer. The development consisted of utilizing a Government Furnished Equipment [redacted] Versatile Stereoscope as an integral part of the complete stereoviewing system.

2. The proposal specifically provided +3 inches of stereoscope translation in the "Y" direction and this translation in combination with the stereoscope's rhomboid coverage would allow the operation to view any portion of the 10 inch by 20 inch illuminated viewing area. To achieve this total viewing capability, the stereoscope is nominally positioned over the mid-point of the lighted area and moved +3 inches in each direction. In this mid-point position, the stereoscope is very difficult to use from a seated position because of the large distance between the base of the Stereoviewer and the eyepoint of the stereoscope.

3. Upon partial completion of the Stereoviewer, it was discovered that it would be highly desirable from a human factors viewpoint to extend the eyepoint position of the stereoscope as close to the front of the viewing format (nearest the operator) as possible. To achieve this capability, a 1X relay system will be added to the eyepieces which will extend the eyepoint to a position approximately eight inches closer to the operator. The eyepiece angle of inclination will be approximately 30° from the horizontal. The relay system will simply replace the existing eyepieces.

DECLASS REVIEW by NIMA/DOD

GROUP 1
Excluded from automatic
downgrading and
declassification

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[redacted] from FY 1967 Funds for [redacted]
[redacted]

4. [redacted] has proposed that a change in scope be a cost plus incentive fee addendum to [redacted]. In accordance with the reference, it is recommended that this change in scope be approved and charged to FY 1967 R&D funds.

[redacted]
Colonel, USAF
Assistant for Technical Development, NPIC

Attachment:
R&D Catalog Form

APPROVE [redacted]

ARTHUR C. LUNDAREL
Director

National Photographic Interpretation Center

23 JAN 1967

Date

Distribution:

Original + 1 - LB/SS/NPIC
1 - Dir./NPIC
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3 - TDS/DS
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NPIC/TDS/DS: [redacted] (11 January 1967)

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SECRET

(When Filled In)

Approved For Release 2003/08/05 : CIA-RDP78B04747A002200030010-4
R & D CATALOG FORM

11 January 1967

1. PROJECT TITLE/CODE NAME Wide-Scan, High-Power Stereoviewer		2. SHORT PROJECT DESCRIPTION The development of an integral mount, light table and high-intensity light source for a high-power, wide-field, interchangeable rhomboid stereoscope fabricated under a previous contract.	
3. CONTRACTOR NAME [REDACTED]		4. LOCATION OF CONTRACTOR [REDACTED]	
5. CLASS OF CONTRACTOR Manufacturer		6. TYPE OF CONTRACT CPIF	
7. FUNDS FY 1966 \$ [REDACTED] FY 1967 \$ [REDACTED] FY 1968 \$ None		8. REQUISITION NO. 5500-8507-66	9. BUDGET PROJECT NO. NP-V-23-02237
		10. EFFECTIVE CONTRACT DATE (Begin - end) October 1965-February 1967	11. SECURITY CLASS. A.A. - Confidential T. - Unclassified W. - Unclassified
12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION DDI/NPIC/TDS, [REDACTED]			
13. REQUIREMENT/AUTHORITY This project combines an existing high resolution stereoscope with the necessary light sources, film transports and stereoscope mount required to produce an effective viewer. This project is in direct response to requirements of NPIC/TID, CIA/IAD, and NPIC/PAG.			
14. TYPE OF WORK TO BE DONE Engineering Development			
15. CATEGORIES OF EFFORT			
MAJOR CATEGORY Direct Viewing Systems		SUB-CATEGORIES Visual Interpretation/analysis	
16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC. This project will result in an engineering prototype, monthly progress reports and an instruction manual.			
17. SUPPORTING OR RELATED CONTRACTS (Agency & Office) This effort is an addendum to [REDACTED] of FY 1966. NPIC internal components have concurred. This project was originally coordinated with DDS&T/ORD, disseminated to the intelligence community through the 1966 NPIC Equipment Summary and presented to the Committee on Photographic Exploitation.			
18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required) This Revision consists of an optical extension of the Versatile Stereoscope to allow the operator to more efficiently utilize the system. The eyepiece will be extended approximately eight inches with a 1X relay system.			
19. APPROVED BY AND DATE			
OFFICE [REDACTED]	DEPUTY DIRECTOR [REDACTED]		DDC I [REDACTED]

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